



3D-nano

The Nanomaterials Company

innovative nanotechnology solutions for the bright future...



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WELCOME TO 3D-NANO

The Company profile

3D-nano is a research and development company specializing in custom synthesis of nanomaterials. The company is engaged in the discovery, refinement and commercialization of nanoscale materials. 3D-nano is involved in environment protection by developing components for Dye-sensitised Solar Cells, 3rd generation photovoltaic technology.

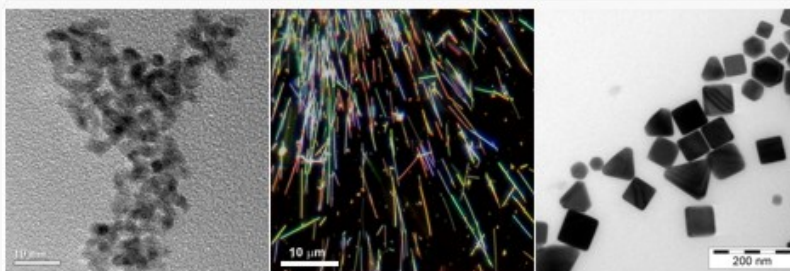
What is nano

The term nanomaterials covers various types of nanostructured materials which possess at least one dimension in the nanometer range. At this scale, materials exhibit electrical and optical characteristics that are not present when they have macroscopic dimensions. These novel properties give nanomaterials the potential for strongly impacting the performance of modern devices.

What we do

The company utilizes nanotechnology to produce nanomaterials. 3D-nano specializes in the synthesis of noble metals nanoparticles with a defined size distribution. Moreover, we utilize the properties of the shape-dependent materials which are exhibited when their architecture is on the nanometer scale.

From left: HR-TEM image of platinum nanoparticles (scale bar: 10nm). Dark-field optical microscope image of a mixture of silver nanowires (scale bar: 10µm). TEM image of various silver nanoparticle shapes (scale bar: 200nm).



Newsflash

01.08.2010

Dr. Beata Paczosa Bator from AGH University of Science and Technology has started to collaborate with the 3D-nano team. She will be responsible for implementing the six months framework for the quality control in the company, and will draw on her academic experience. The project called "Knowledge and practice - keys to business success" is co-financed by the European Union from the European Social Fund.

10.06.2010

3D-nano has joined the project called "Knowledge and practice - keys to business success". If you wish to become our science partner and want to obtain practical knowledge about nanotechnology we encourage you to apply for a placement. The project is managed by the Malopolska Regional Development Agency <http://marr.pl/>

15 - 17.06.2010

3D-nano team on the Malvern Club Poland. The meeting was organized by A.P. Instruments in Uniejów. The main topic of the workshop was application of Dynamic Light Scattering technique to nanoparticles size measurements.

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KAPITAŁ LUDZKI
NARODOWA STRATEGIA SPÓJNOŚCI

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